

METHOD AND SYSTEM FOR DYNAMIC ANGLE INTERPOLATION IN IMAGE PROCESSING

ABSTRACT:

A method and system for image resample by spatial interpolation. The method and system allow more than simple angle interpolation by allowing spatial interpolation to be performed on small angle edges. Multiple interpolation directions are established. Once an interpolation direction is selected, verifications are performed on the selected interpolation direction in order to rule out erroneous selection. If the selected interpolation direction passes all verifications, then spatial interpolation will be performed along the selected interpolation direction. Otherwise, a default interpolation direction is used as the interpolation direction.